

## WHAT IS CLAIMED IS:

1. A semiconductor laser device comprising:  
a stem having a mounting surface;  
a first semiconductor laser element directly or  
5 indirectly mounted onto the mounting surface of said stem,  
said first semiconductor laser element having an emission  
wavelength and a temperature dependence; and  
a second semiconductor laser element disposed on  
top of said first semiconductor laser element, said second  
10 semiconductor laser element having an emission wavelength  
different from the emission wavelength of said first  
semiconductor laser element and a temperature dependence  
lower than the temperature dependence of said first  
semiconductor laser element.

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2. The semiconductor laser device according to claim  
1, wherein the emission wavelength of said first  
semiconductor laser element is within a wavelength range of  
640-660 nm, while the emission wavelength of said second  
20 semiconductor laser element is within a wavelength range of  
770-800 nm.

3. The semiconductor laser device according to claim  
1, wherein said second semiconductor laser element provided  
25 on top of the first semiconductor laser element is smaller



mounted onto the mounting surface of the stem, said plurality of semiconductor laser elements having different emission wavelengths and different temperature dependences;

wherein said plurality of semiconductor laser  
5 elements are stacked in order of temperature dependence such that the laser chip farther from the mounting surface of the stem has a lower temperature dependence than the laser chip closer to the mounting surface of the stem.

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